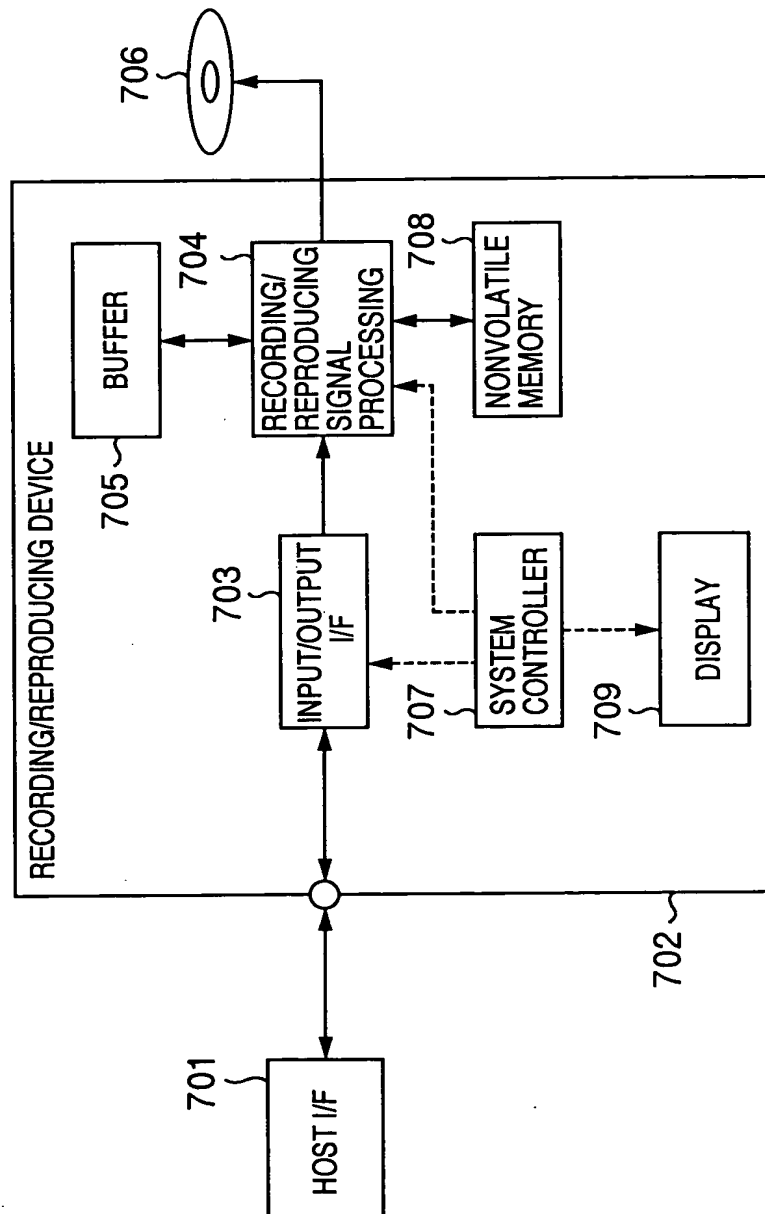


FIG.1



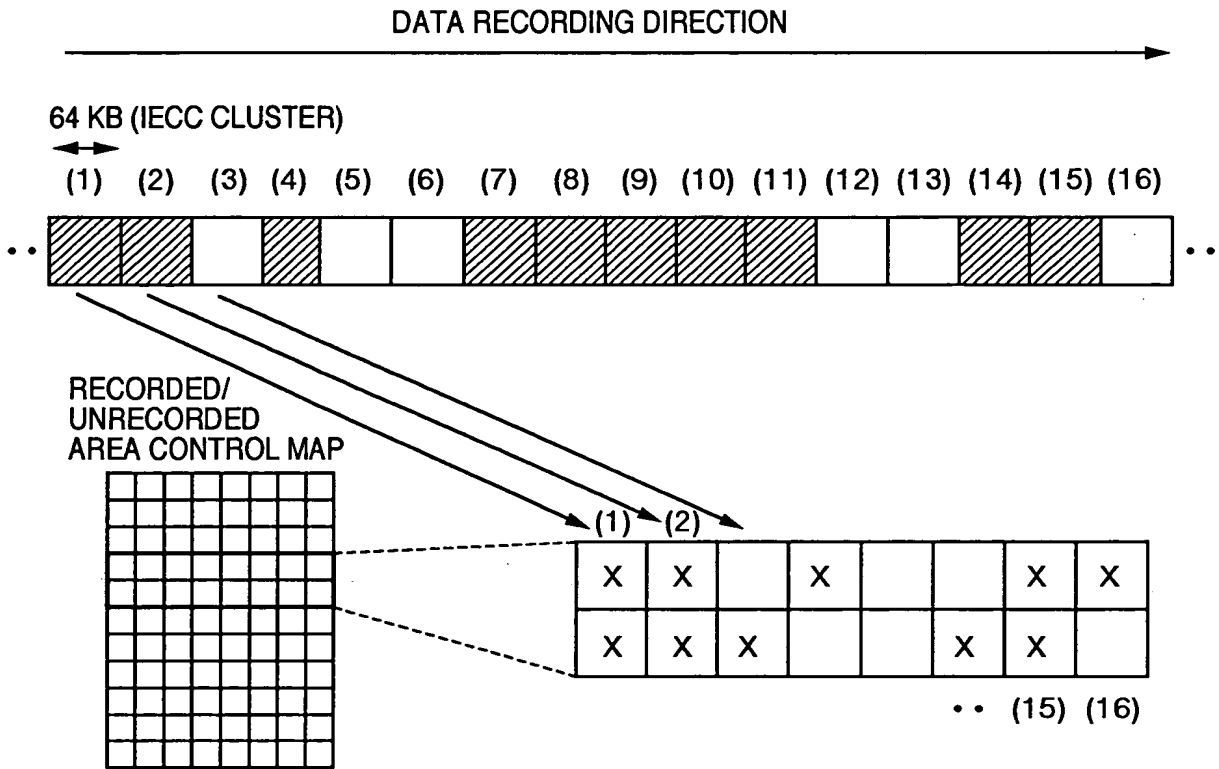
Applicant: Osamu KAWAMAE, et al.

Title: A Recording Medium, Recording Method And...

Attorney Docket No. 16869S-112700US

Sheet 2 of 18

FIG.2



Title: A Recording Medium, Recording Method And...

Sheet 3 of 18

FIG. 3

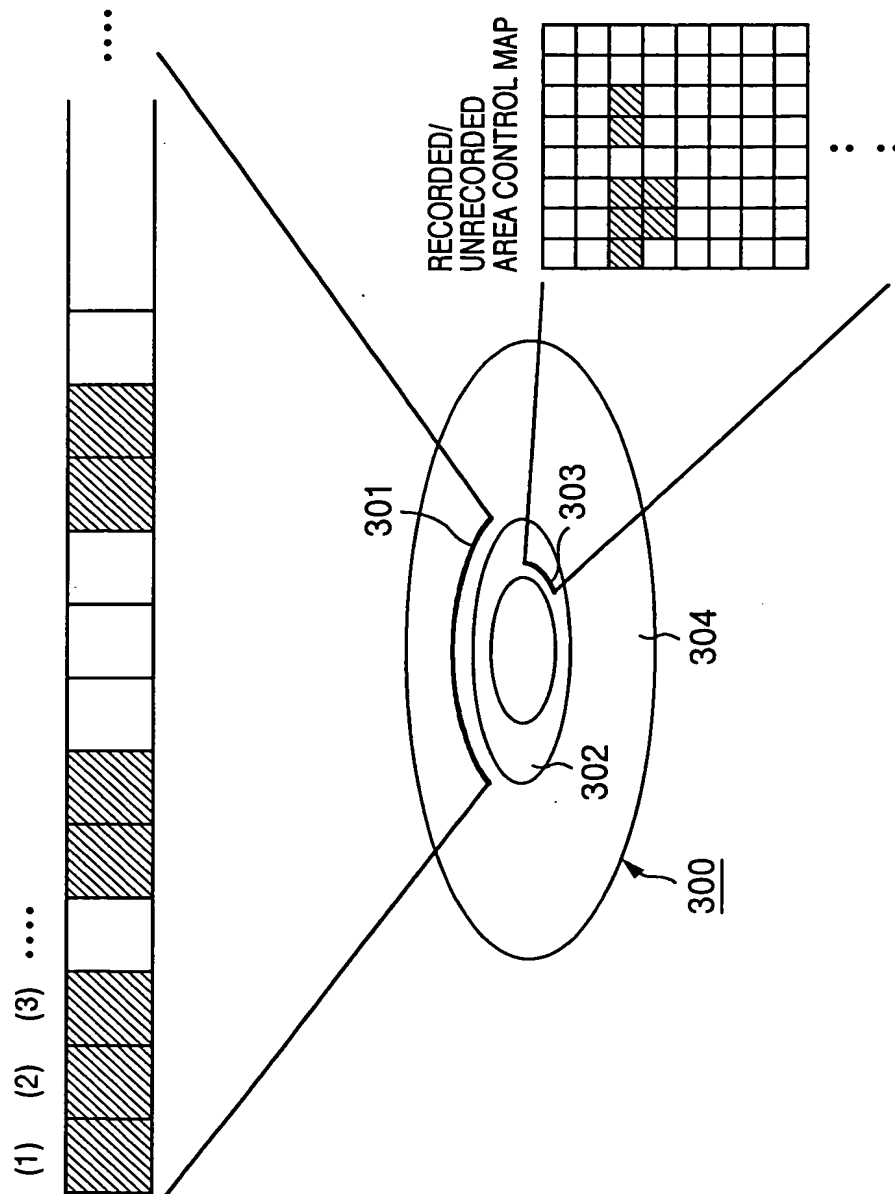


FIG.4

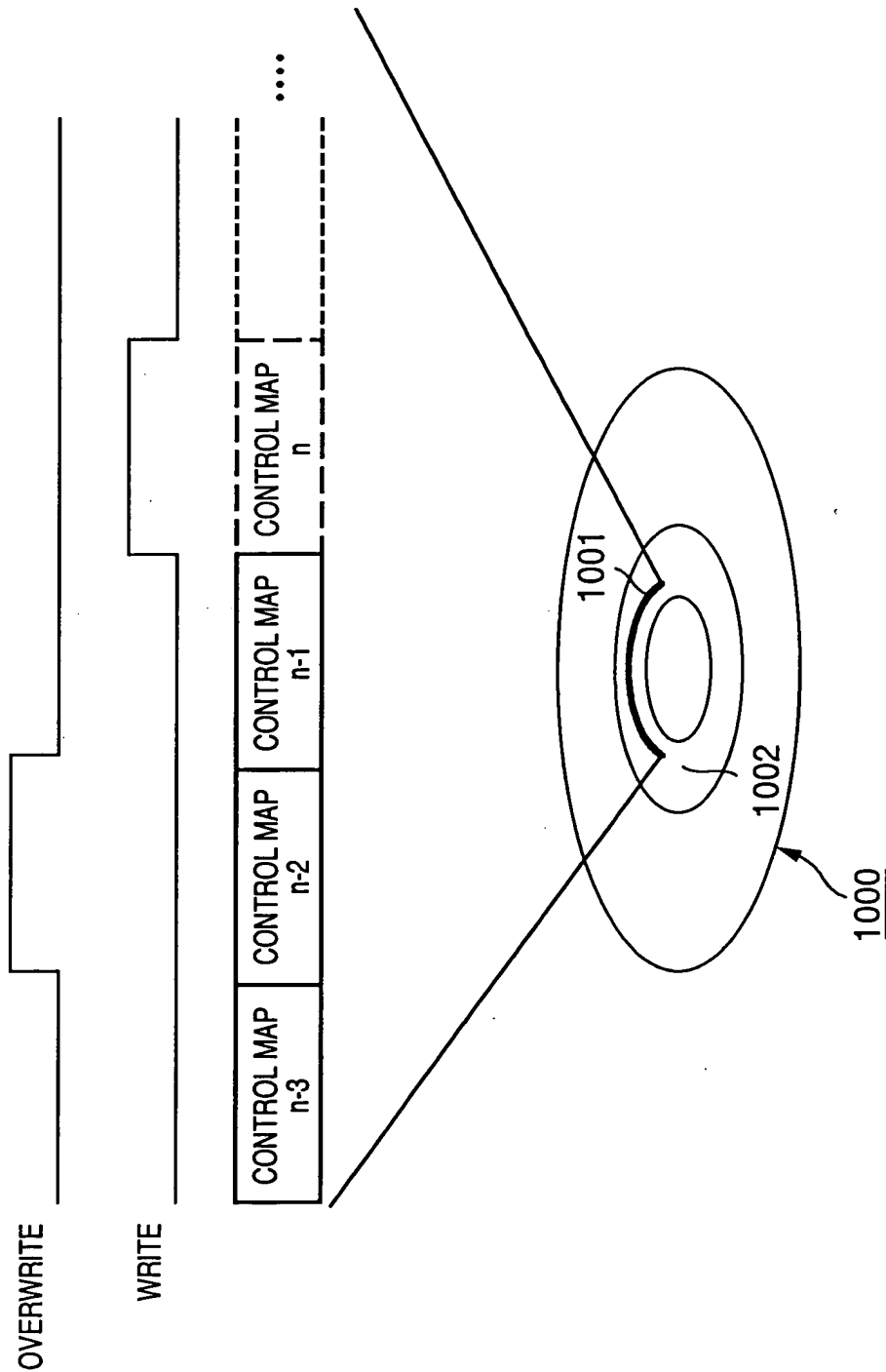
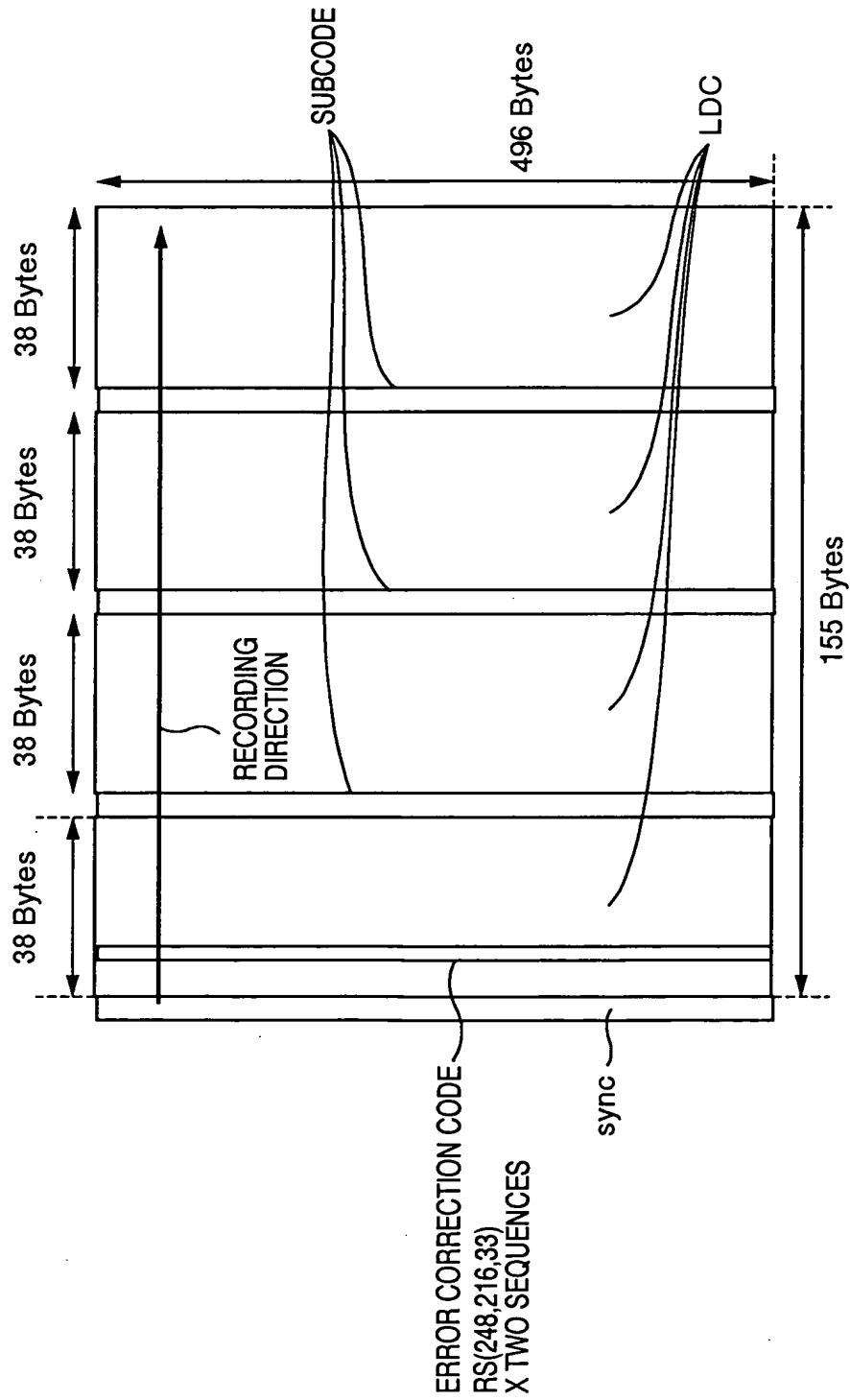


FIG.5



Applicant: Osamu KAWAMAE, et al.

Title: A Recording Medium, Recording Method And...

Attorney Docket No. 16869S-112700US

Sheet 6 of 18

FIG.6

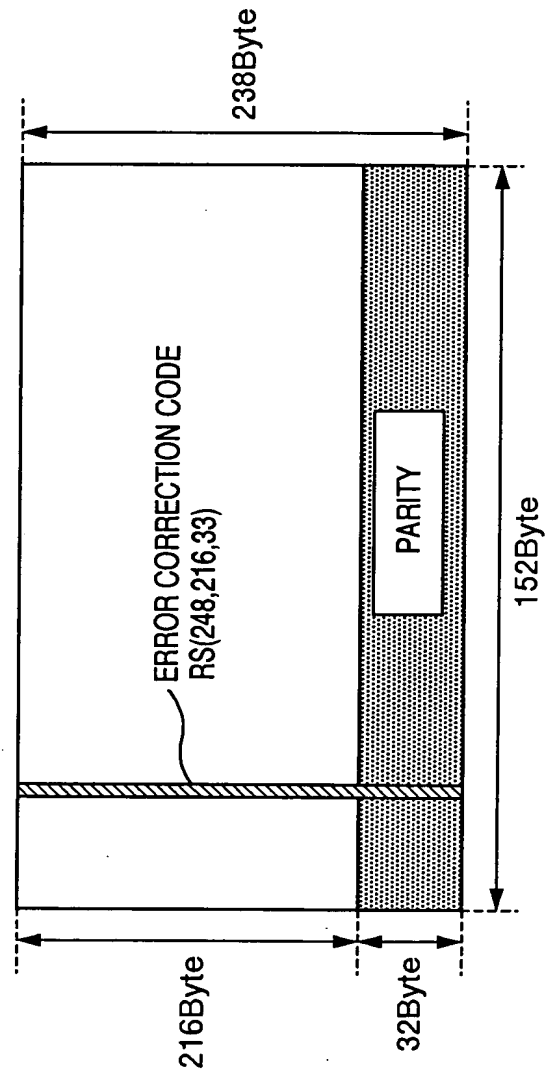
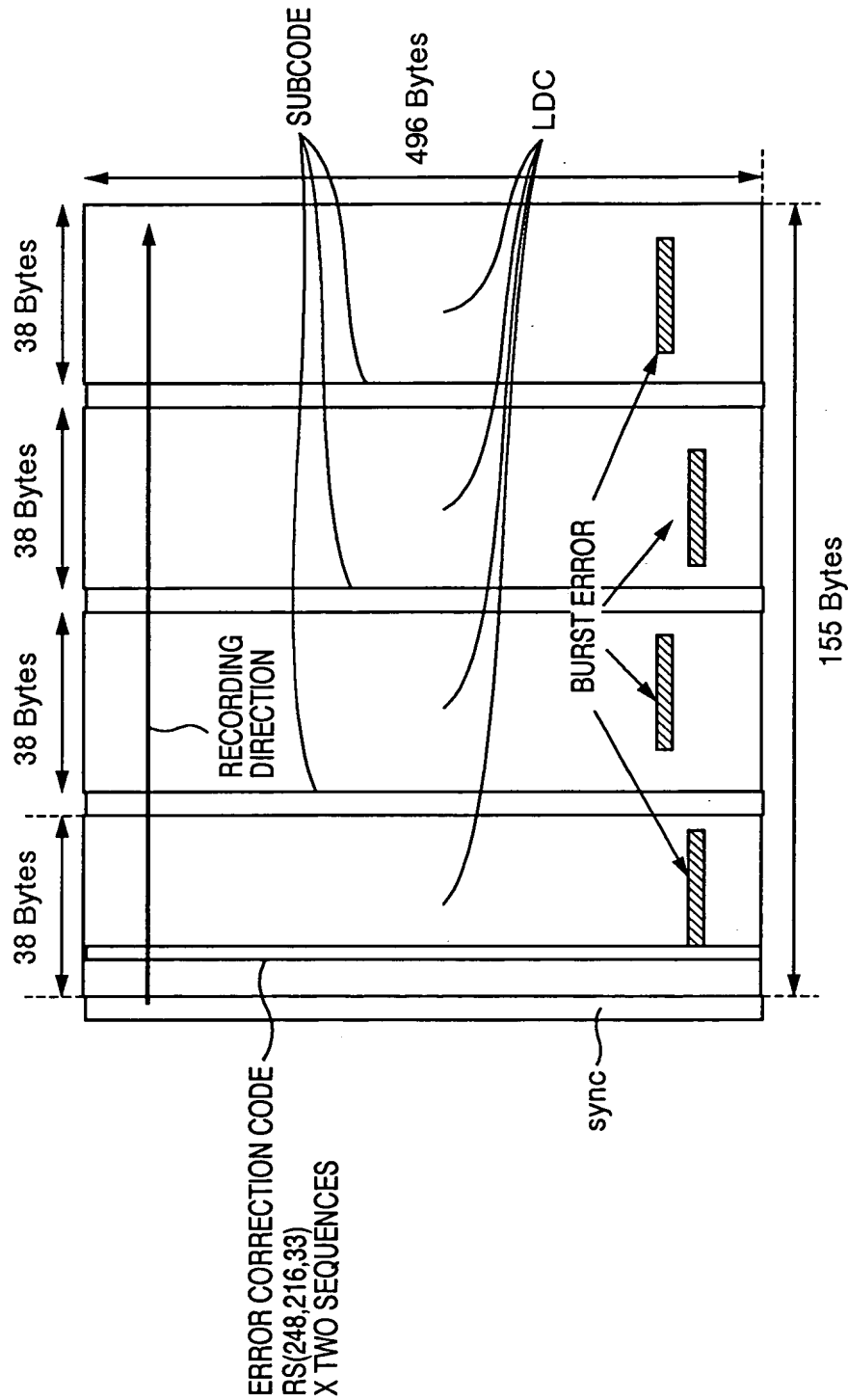


FIG. 7



Applicant: Osamu KAWAMAE, et al.

Title: A Recording Medium, Recording Method And...

Attorney Docket No. 16869S-112700US

Sheet 8 of 18

FIG.8A

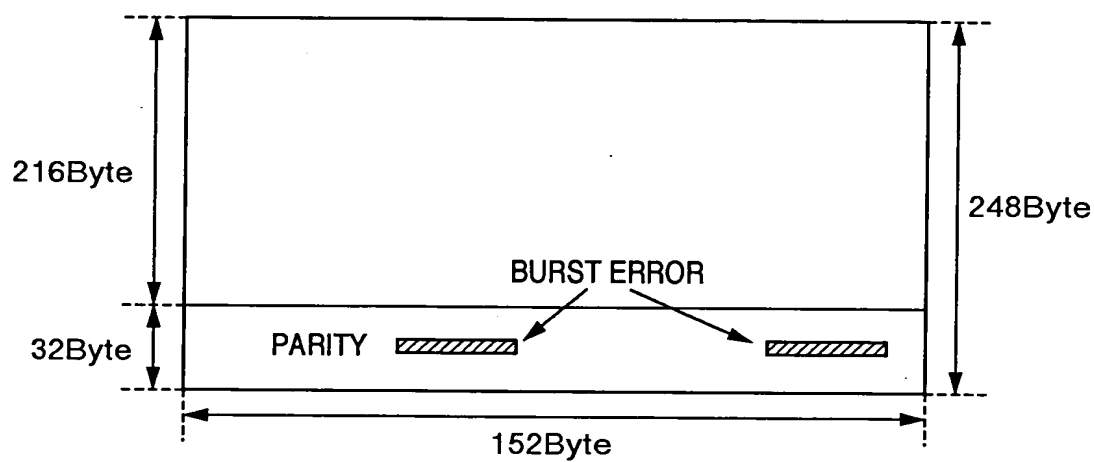


FIG.8B

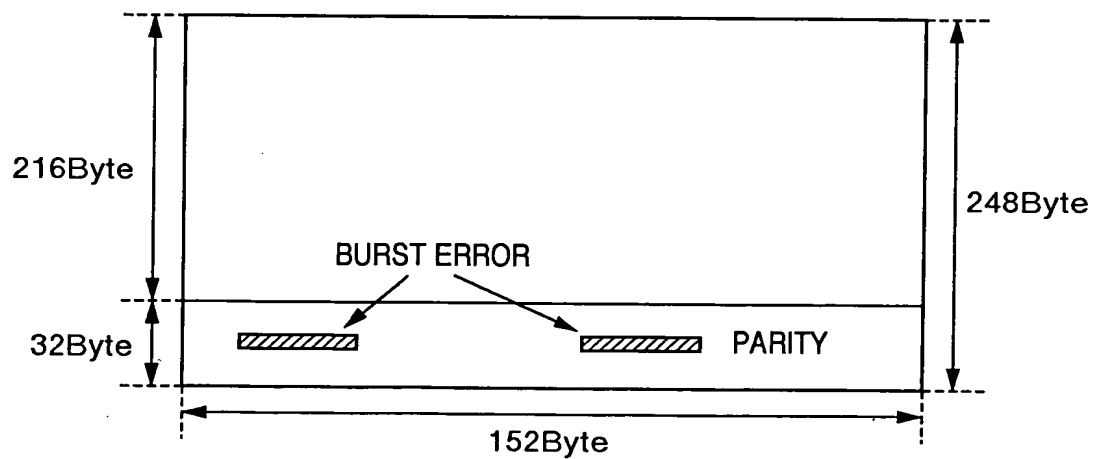


FIG.9

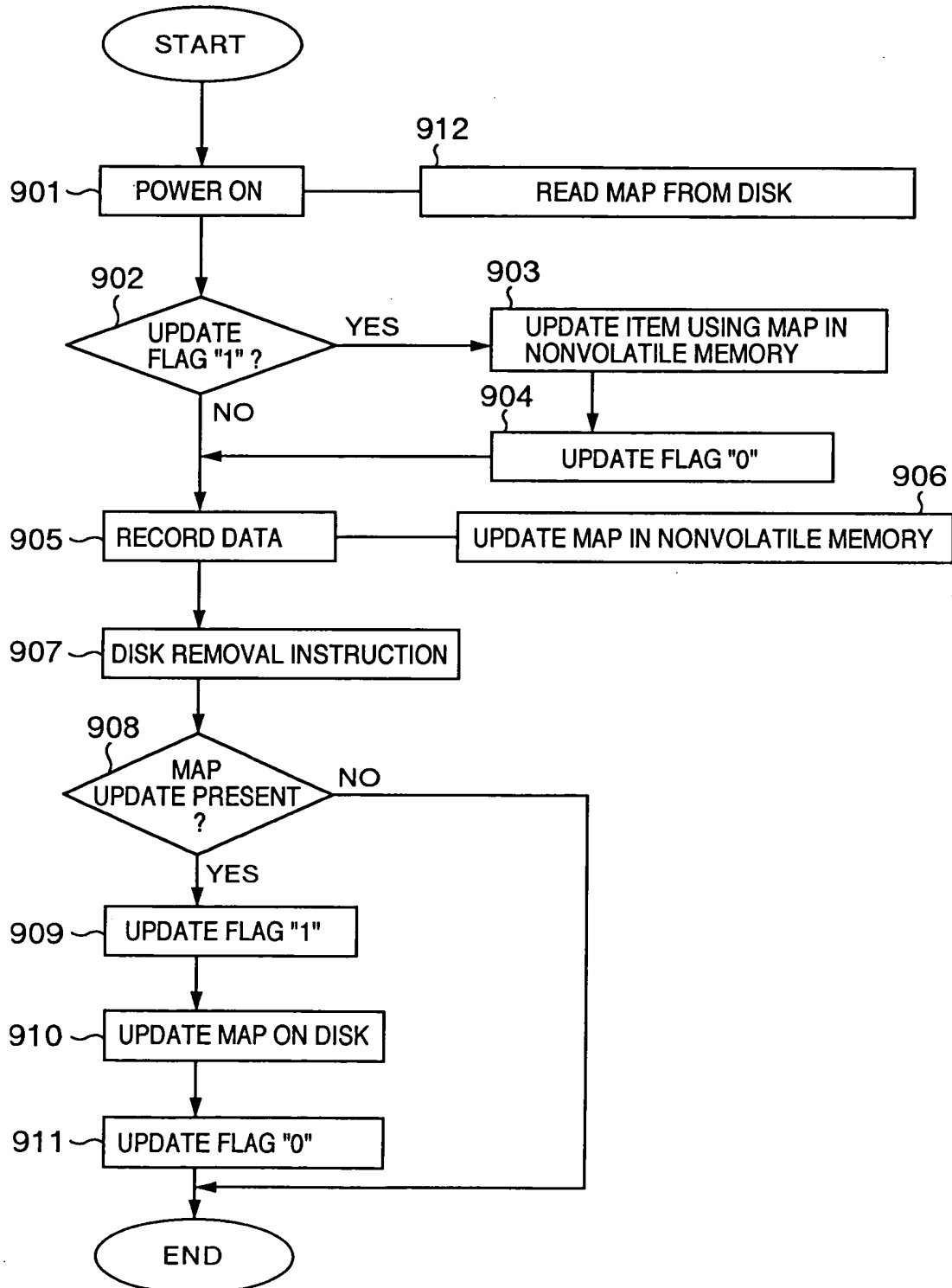


FIG.10

RECORDED/UNRECORDED AREA CONTROL MAP

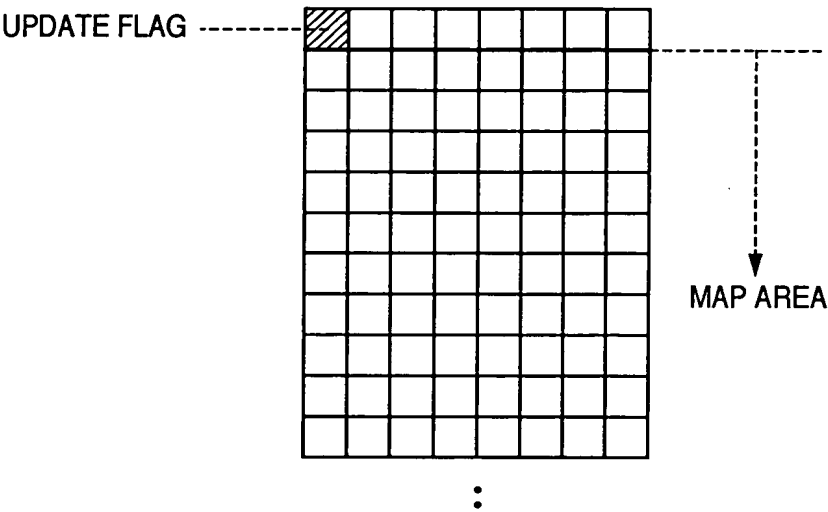


FIG.11

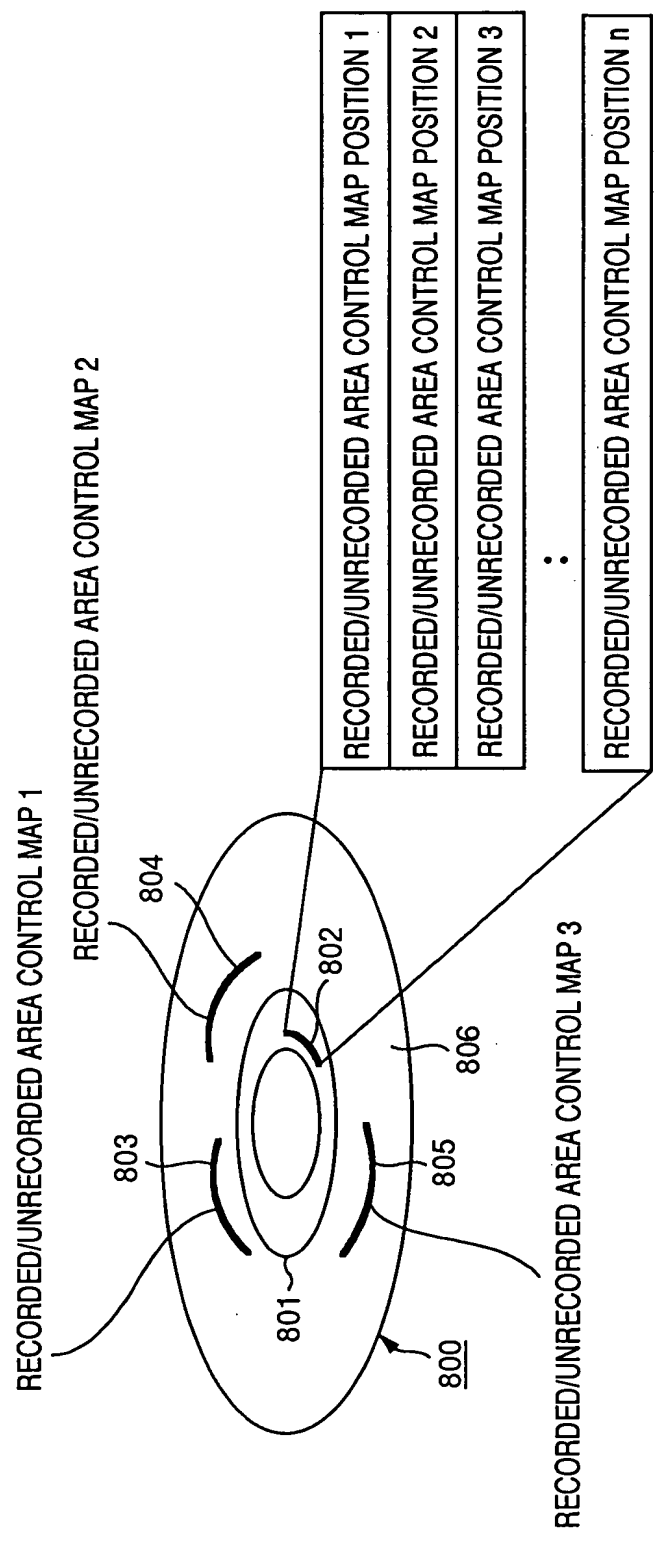


FIG.12A

<DEVICE A>

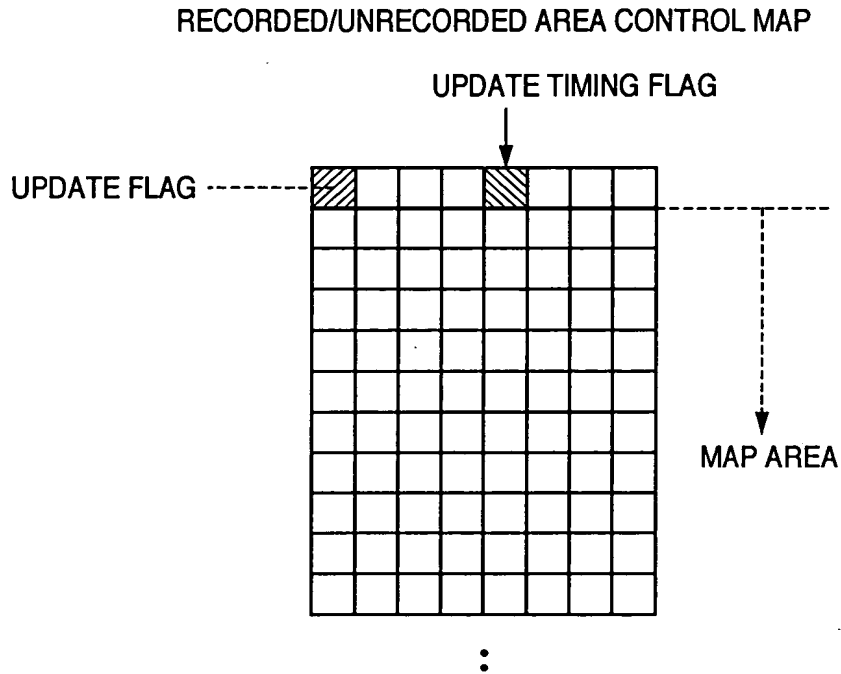
	UPDATE TIMING A
1	POWER OFF
2	DISK REMOVAL
3	

FIG.12B

<DEVICE B>

	UPDATE TIMING B
1	PREDETERMINED NO. OF DATA ITEMS RECORDED
2	PREDETERMINED TIME LAPSED
3	NO. OF UNRECORDED AREAS CHANGED

FIG.13



Applicant: Osamu KAWAMAE, et al.

Title: A Recording Medium, Recording Method And...

Attorney Docket No. 16869S-112700US

Sheet 14 of 18

FIG.14A

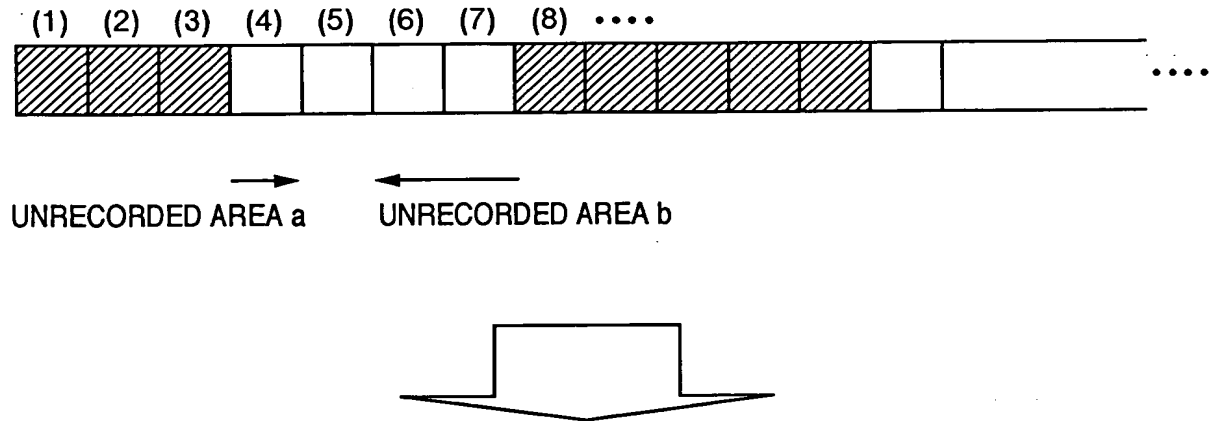
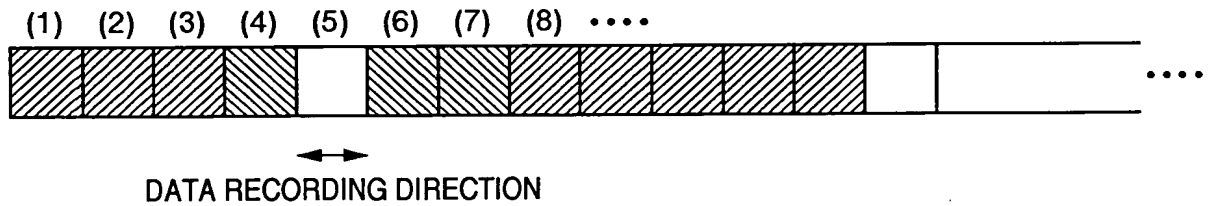


FIG.14B



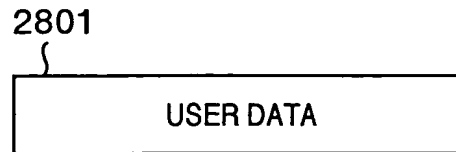
Applicant: Osamu KAWAMAE, et al.

Title: A Recording Medium, Recording Method And...

Attorney Docket No. 16869S-112700US

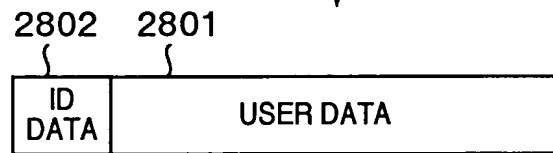
Sheet 15 of 18

FIG.15A



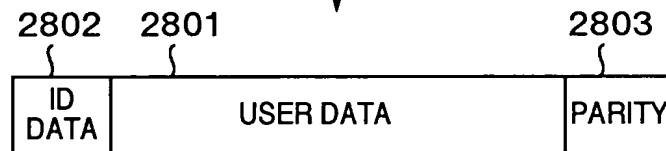
ID DATA ADDITION

FIG.15B



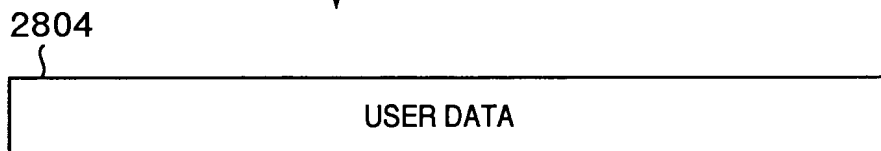
ERROR CORRECTION ENCODING

FIG.15C



MODULATION

FIG.15D



SYNC DATA ADDITION

FIG.15E

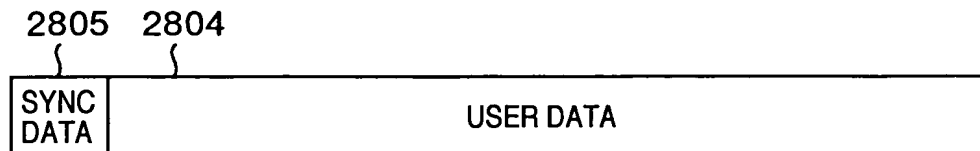


FIG.16

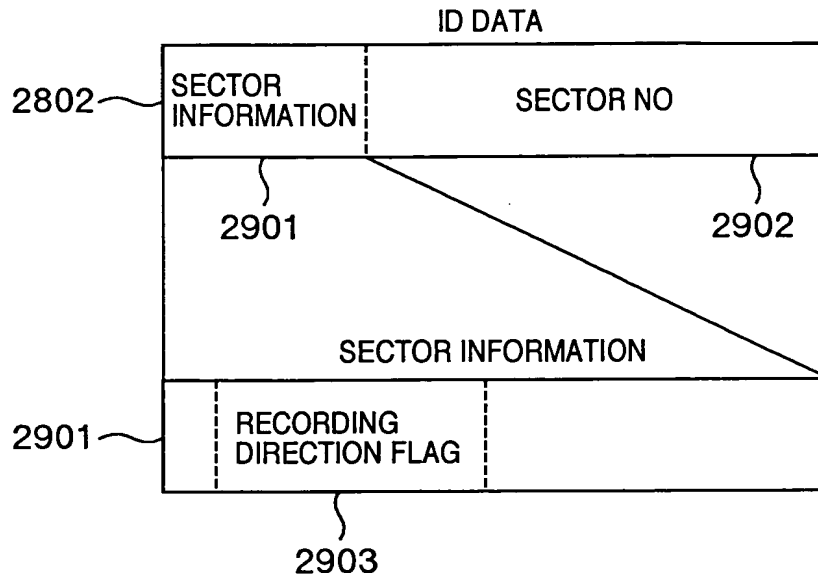
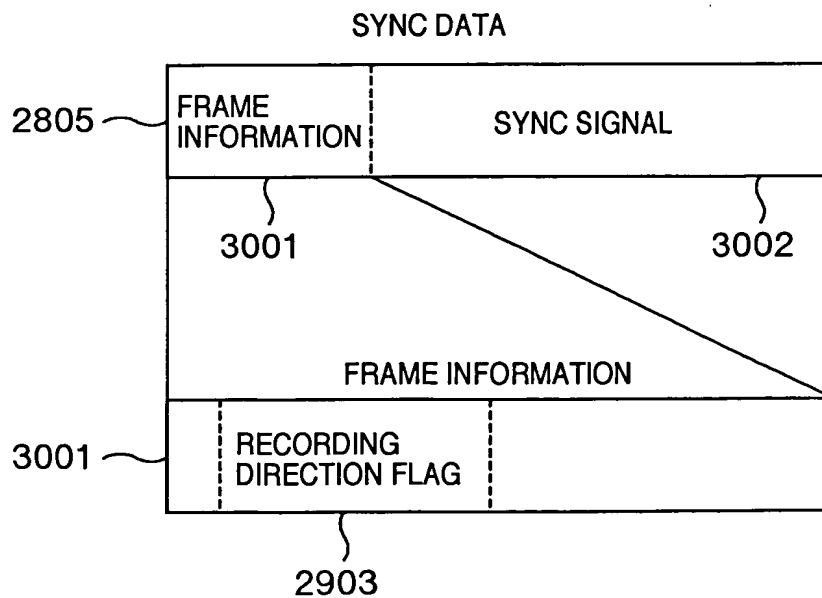


FIG.17



Applicant: Osamu KAWAMAE, et al.

Title: A Recording Medium, Recording Method And...

Attorney Docket No. 16869S-112700US

Sheet 17 of 18

FIG.18

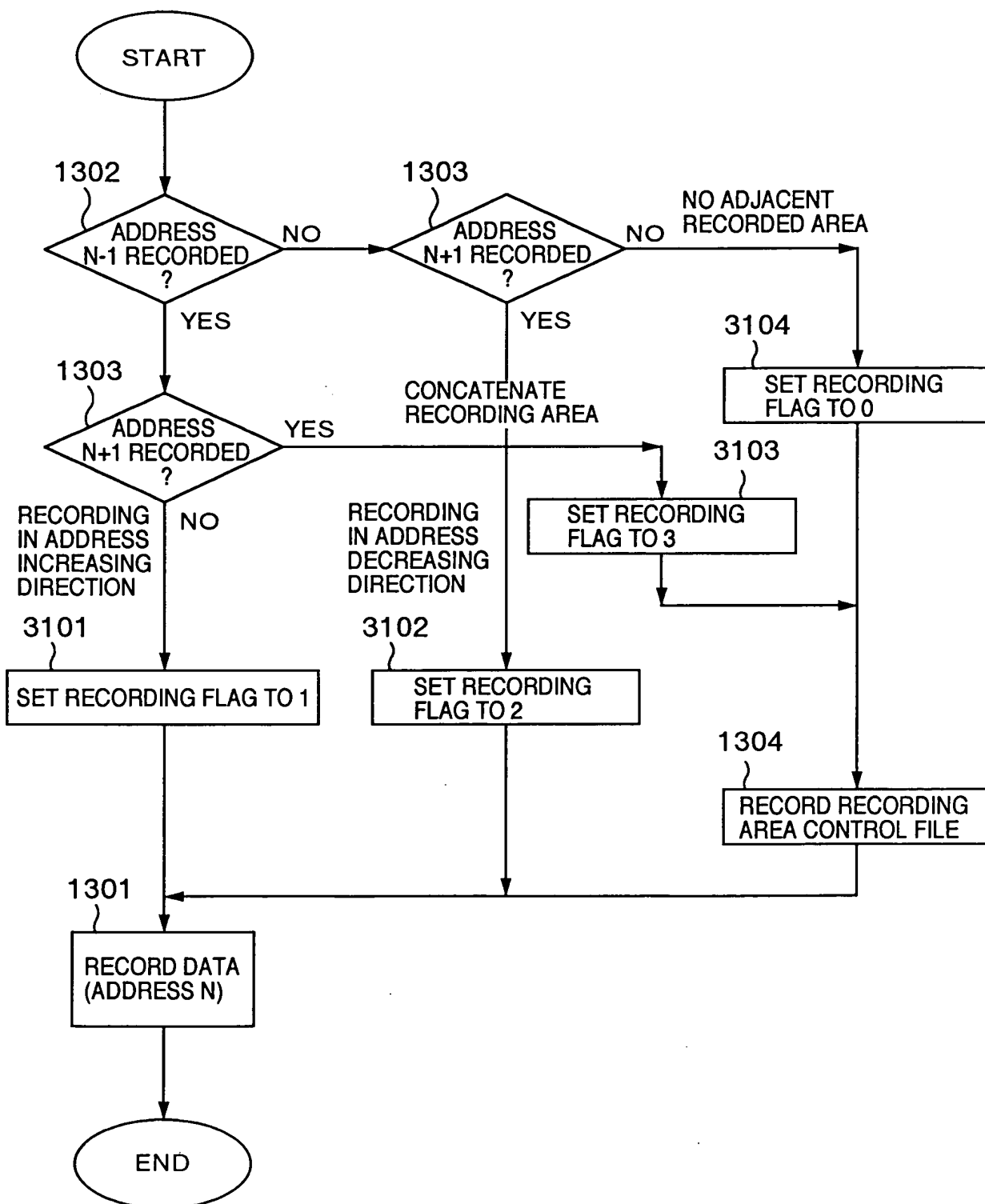


FIG.19

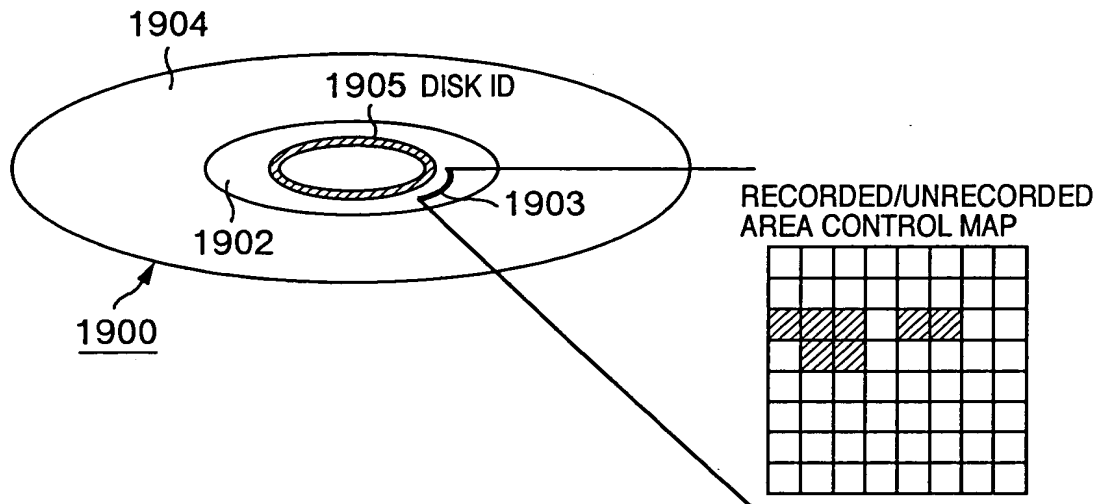


FIG.20

